

DART AEROSPACE Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada		Tel (613) 632-5200																																																																			
D2265 Job Sheet 166559																																																																					
																																																																					
Part No: D2265 Job Qty: 40 ea																																																																					
Part Name: Step Bracket																																																																					
																																																																					
Part Weight: 0 lbs																																																																					
Status: Scheduled																																																																					
Priority: Medium																																																																					
Job Tracking No:																																																																					
Created By: Marie Lajeunesse																																																																					
Description:																																																																					
Note: DWG REV A IPP D 98.12.15 Added Dwg Rev DM																																																																					
Ship Via:																																																																					
Bill of Materials																																																																					
Job Routing																																																																					
<table><thead><tr><th rowspan="2">Op No</th><th rowspan="2">Operation</th><th rowspan="2">Qty</th><th rowspan="2">Due Date</th><th colspan="2">Setup Run</th><th rowspan="2">Workcenter / Supplier</th><th rowspan="2">Lead Time</th></tr><tr><th>hrs</th><th>Hrs</th></tr></thead><tbody><tr><td>100</td><td>Purchasing</td><td>40 pcs</td><td>10/21/17</td><td>0.00</td><td>0.00</td><td>Purchasing</td><td></td></tr><tr><td>110</td><td>Packaging</td><td>40 pcs</td><td>10/21/17</td><td>0.00</td><td>0.00</td><td>Packaging2</td><td></td></tr><tr><td>120</td><td>QC</td><td>40 pcs</td><td>10/21/17</td><td>0.00</td><td>0.00</td><td>QC6</td><td></td></tr><tr><td>130</td><td>Small Fab</td><td>40 pcs</td><td>10/23/17</td><td>0.00</td><td>2.14</td><td>Small Fab</td><td></td></tr><tr><td>140</td><td>QC</td><td>40 pcs</td><td>10/23/17</td><td>0.00</td><td>0.00</td><td>QC5</td><td></td></tr><tr><td>150</td><td>Packaging</td><td>40 pcs</td><td>10/23/17</td><td>0.00</td><td>0.00</td><td>Packaging3</td><td></td></tr><tr><td>160</td><td>QC21-SA</td><td>40 Ea</td><td>10/23/17</td><td>0.00</td><td>0.00</td><td>QC21</td><td></td></tr></tbody></table>				Op No	Operation	Qty	Due Date	Setup Run		Workcenter / Supplier	Lead Time	hrs	Hrs	100	Purchasing	40 pcs	10/21/17	0.00	0.00	Purchasing		110	Packaging	40 pcs	10/21/17	0.00	0.00	Packaging2		120	QC	40 pcs	10/21/17	0.00	0.00	QC6		130	Small Fab	40 pcs	10/23/17	0.00	2.14	Small Fab		140	QC	40 pcs	10/23/17	0.00	0.00	QC5		150	Packaging	40 pcs	10/23/17	0.00	0.00	Packaging3		160	QC21-SA	40 Ea	10/23/17	0.00	0.00	QC21	
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Job Allocations																																																																					
Operation 100-Purchasing Component Part D2265P Required 40 Inventory 0 Allocated 0 Std Qty 0																																																																					
Part Specifications																																																																					
OCT 16 2017																																																																					
Specifications could not be found.																																																																					

Part Op 100 - Issue P/O: 38051 Cast parts per drawing D2265 Possible Supplier: Alpine Foundry Material release note
Descriptions: required
110 - Ensure Material Release Note is attached
130 - Grind tips of castings as per Dwg D2265
non - to NO43 Foundry

549289

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

DART



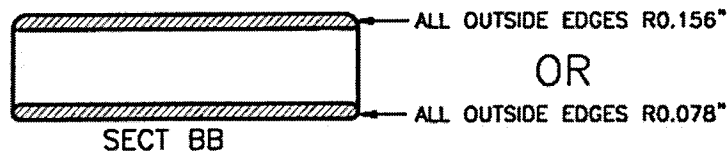
RELEASED
9/6/05/27

SHOP COPY
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ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

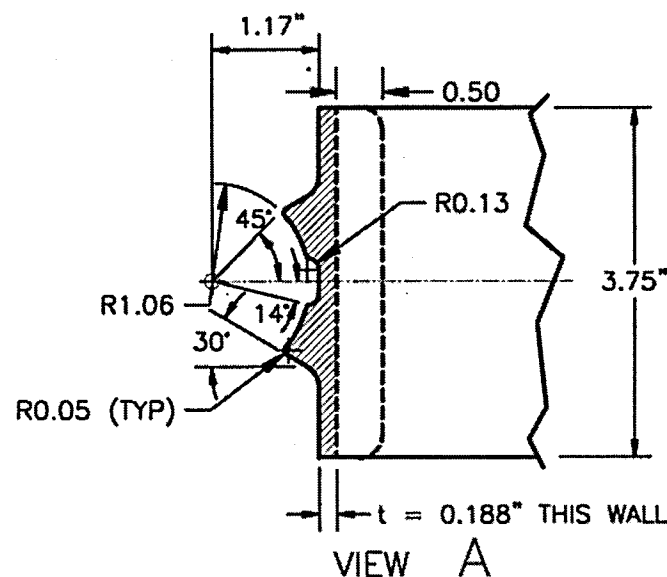
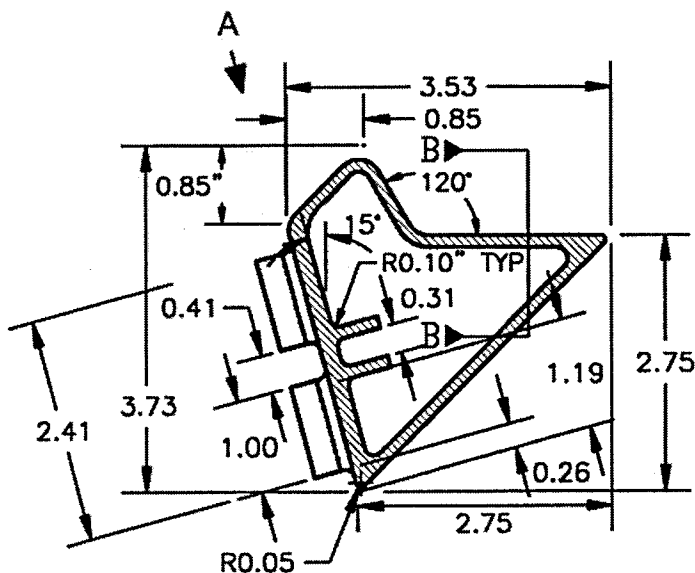
WITHOUT NOTICE
WORK ORDER

NO. 166559

170-13



UNDIMENSIONED OUTER RADII 0.375"
UNDIMENSIONED INNER RADII 0.25"
UNDIMENSIONED WALL THICKNESSES 5/32"
MATERIAL: CAST ALUMINUM
ALLOY A356.2 (F)



PREPARED B. Williams		DART AERO ACCESSORIES INC VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED <i>[Signature]</i>	APPROVED	D2265	REV. A
DATE Aug. 18, 1994	TITLE STEP SUPPORT CASTING	SHEET 1 OF 1	
		SCALE 1:2	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO038051

Supplier: ALN001-VC
Alpine Non-Ferrous Foundry
8657 - 132nd Street
Surrey
BC
V3W 4P1 Canada
Phone: 604 596 8080
Fax: 604 596 8045

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038051
PO Date: 10/16/17
Due Date: 11/13/17
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

OCT 19 2017

Items

Line Item	Part	Rev	Supplier Part No	Item No	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D2265P	-			Step Support Casting : Dwg D2265P Rev A		Firmed	11/13/17	40 Ea	0 Ea	40 Ea	\$23.11/Ea	\$924.40

Line Item Note: Job# 166559

Grand Total: \$924.40

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/16/17 3:28 PM dart.baker.diane

ALPINE NON-FERROUS FOUNDRY

8657-132ND STREET
SURREY, B.C. V3W 4P1
CANADA

WORK ORDER

Order No.: PO038051
Date: 19 Oct, 2017
Page: 1
Ship Date: 10 Nov, 2017

Sold To:

DART AEROSPACE

1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

Ship To:

DART AEROSPACE

Order Date	Purchase Order#	Due Date	Ship Via	Page
19 Oct, 2017	PO038051	10 Nov, 2017	FEDEX	1
Item No.	Description	Ordered	Backorder quantity	Shipped quantity
DART D2265	D2265 CSTG,SUPPORT BRACKET GS - GST @ 5% GST PST Exempt: #6122-5207	40	0	40
ALPINE NON-FERROUS FOUNDRY GST: #87550 0001				

Comment: Castings&Patterns are property of Alpine until paid in full

DART
AEROSPACE
S010411



Step Bracket

PART NO: D2265
Revision:
Operation: Packaging
Change No:

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Mfg Date: 11/15/17
Job No: 166559